



U.S. DEPARTMENT OF ENERGY
WORK BREAKDOWN STRUCTURE DICTIONARY
PART II - ELEMENT DEFINITION

1. PROJECT TITLE/PARTICIPANT Environmental Management/Bechtel Jacobs Company LLC		2. DATE 01/08/2004	3. IDENTIFICATION NUMBER DE-AC05-98OR22700
4. WBS ELEMENT CODE 1.12.05.02.02.02		5. WBS ELEMENT TITLE PORTS PCB Activities	
6. INDEX LINE NO.	7. REVISION NO. AND AUTHORIZATION N/A		8. DATE N/A
9. APPROVED CHANGES N/A			
10. SYSTEM DESIGN DESCRIPTION			11. BUDGET AND REPORTING NUMBER
12. ELEMENT TASK DESCRIPTION WBS GRAPHIC See attached. INTRODUCTION This LCB will accomplish activities at the Portsmouth Gaseous Diffusion Plant (PORTS) to maintain compliance with the Toxic Substance Control Act (TSCA) and DOE TSCA Federal Facilities Compliance Agreement (FFCA), as well as applicable DOE orders. LOGIC RELATIONSHIPS Implementation of the TSCA FFCA will continue until the initiation of decontamination and decommissioning (D&D) of PORTS. Upon start-up of a D&D project the D&D project will assume responsibility and funding for compliance with the FFCA. Oversight of TSCA FFCA compliance will remain with the EM Program to assure requirements are being met and assure consistency across the site. Successor relationships with the PORTS Waste Disposition project at the Level 6 WBS element consist of logic ties between PCB liquid waste containerization activities and storage and final disposition of the facility waste. SCOPE DESCRIPTION Release Sites and Facilities - Consult TSCA FFCA for a description of sites, facilities, and equipment that are under management of this agreement due to releases or potential for releases. Assessments to be completed - None Actions to be completed - Compliance with the TSCA FFCA requirements. Performance Metrics/Indicators * Submit Annual UE TSCA FFCA Report to DOE by June 1 of each year * Submit four quarterly UE TSCA FFCA progress reports to DOE 30 days after the end of a calendar year quarter * Demonstrate complete cleanup and closure of all remaining FY02 PCB gasket spills and all newly identified PCB gasket spills between 10/01/02 and 05/31/03 by 09/30/03 Past and Future Accomplishments Past Accomplishments Develoned and submitted quarterly annual update reports			



***** Baseline Scenario: DOE RFP-BCP 90: PCB Activities-Admin Charge Codes *****

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12. ELEMENT TASK DESCRIPTION (Continued) Collection at new spill sites Completed decontamination and closeout of PCB gasket spills Future Accomplishments Develop and submit quarterly and annual update reports Sample and analyze PCB spills and equipment and perform ambient air monitoring Conduct routine collection trough system, open spill sites, and equipment inspections Perform repair, corrective maintenance, and installation of new troughs and drop legs in the collection system as required Complete decontamination and sampling of up to 70 PCB gasket spills per year, closeout up to 70 PCB spills per year. Collect and store waste oil Scope: the detailed Life Cycle Scope of the Subproject (FY 2003 through Completion) Provide project level planning, oversight, technical support, and financial control and reporting for all activities within this project. This includes, but is not limited to: Project Management, Subcontract Management, Procurement support, Environmental, Safety and Health oversight, Quality oversight, support for the Life Cycle Baseline, other out-year budget submittals, and the following routine reports. Monthly Technical Progress Report Monthly Status Review Report Midyear Project Status Review Quarterly Project Status Review Year-end Project Status Review Quarterly Progress Report Project Baseline Summary Report Site Baseline Summary Report A project execution plan will be developed for each subproject to communicate to the project team the scope, method of accomplishment, performance criteria and metrics and procurement strategy. Collect data for and submit one Annual Compliance Agreement Report to DOE by June 1 of each year and four quarterly progress reports to DOE 30 days after the end of a calendar year quarter. Interface with customer and regulators and interpret regulations. Track data from spill reports and inspections. Sample and analyze air quality on a quarterly basis (up to 4 samples per quarter). Sample and analyze spill sites, equipment, and other PCB materials (wipe and uranium sampling - up to 800 wipe samples per year and up to 40 uranium samples per year). Certify sample data and validate spill site cleanup. Inspect trough containment and collection system and drop legs, open and active spills sites, and perform routine, periodic			



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12. ELEMENT TASK DESCRIPTION (Continued) Maintain the collections and containment trough system, consisting of over 16,000 troughs. Perform repair, corrective maintenance, and installation of new troughs and drop legs in the collection system as required (up to 12 drop leg installations per year, up to 200 trough and duct leak repairs, and up to 100 trough installations). Containerize any liquid waste that collects in the system drop legs. Containerize solid wastes from cleanup activities. Place collected wastes in compliant storage awaiting disposal. Approximately 500 gallons of waste will be generated per year. Clean spill sites from gasket or equipment leaks. Decontaminate materials affected by the spill. Encapsulate spill site if required. Maintain boundaries for control of personnel access. Decontaminate up to 70 spill sites per year, and closeout up to 70 PCB spills per year. SAFETY AND HEALTH WORK PERFORMANCE It is the core value of Bechtel Jacobs Company that the safety and health of every worker and the public at large, and our environment, are the most important assets we are entrusted to protect. To accomplish this, an Integrated Safety Management System (ISMS), based on DOE's ISMS has been implemented that incorporates the five core functions and is based on the seven guiding principles. The objective of ISMS is to systematically integrate safety and environmental protection into the planning and execution of all work activities. The term safety encompasses Nuclear Safety, Industrial Safety, Industrial Hygiene, Occupational Health, Health Physics, and environmental issues. ISMS requirements flow-down to Bechtel Jacobs Company subcontractors. The Five Core Functions are: (1) Define the scope of work, (2) Analyze hazards, (3) Develop and implement hazard controls, (4) Perform work within controls, and (5) Provide feedback and continuous improvement. The Seven Guiding Principles are (1) Line Management Responsibility for Safety, (2) Clear Roles and Responsibilities, (3) Competence commensurate with responsibility, (4) Balanced Priorities, (5) Identification of Safety Standards and Requirements, (6) Hazard Control Tailored to Work Being Performed, and (7) Operations Authorization.			

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<p>REQUIREMENTS/DRIVERS</p> <p>Bechtel Jacobs Company LLC Contract DE-AC05-98OR22700, December 18, 1997 Integrated Safety Management System Description, BJC/OR-87, Revision 2, September 1999 Integrated Safety Management System Description, BJC-GM-1400, Revision 2, October 2001 and Integrated Safety Management System Supplement, BJC-GM-1401, Revision 0, December 2000 Bechtel Jacobs Company Work Smart Standards DOE Toxic Substance Control Act Federal Facility Compliance Agreement. 10 CFR 835, Occupational Radiation Protection. 29 CFR 1910, Safety and Health Regulations for Industry Standards Applicable DOE Orders 40 CFR 761, TSCA and PCB Regulations 435.1 Radioactive Waste Management</p> <p>As applicable, indicate other regulatory-related requirements. CERCLA: N RCRA: N DNFSB: N DOE Orders: Y AEA: Y UMTRCA: N State: Y Other: N</p> <p>WASTE VOLUMES</p> <p>Approximately 500 gallons of liquid and solid waste will be generated each year during performance of this task.</p> <p>PROJECT SCHEDULE</p> <p>Please see attached project summary schedule, and Milestone Status Summary Report.</p> <p>EXECUTION YEAR BASELINE</p> <p>Please see attached Budgeted Cost of Work Scheduled Plan.</p> <p>BASELINE BY YEAR</p> <p>Please see attached Baseline by Year Report. The Baseline by Year Report should by Fiscal Year (for the project duration), sorted by Level-7 of the WBS.</p>			